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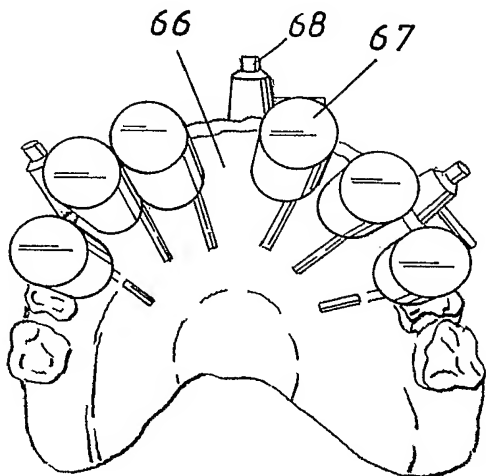
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(54) Title: SYSTEM AND ARRANGEMENT FOR PRODUCTION AND INSERTION OF A DENTAL BRIDGE STRUCTURE



(57) Abstract: A system comprises a computer appliance (7) designed to receive, and to present on screen, first information (12) transmitted from identification equipment (6) and based on detection of a jaw bone structure. Modification information which can be introduced into the computer appliance shows a visual dental bridge structure applied on the jaw bone structure with associated teeth and dentine. Orientations for implants are also shown. The computer appliance produces a CAD file which is based on the first information and the modification information. The file is received in a stereolithography machine which issues second information which can be processed in the equipment (9) for production of the physical template with associated through-bores for sleeves which determine recessed positions and directions for the implants. A working model (16) is produced with the aid of the physical template which is also used for hole formation in the jaw bone structure. The invention also relates to an arrangement of a template produced by stereolithography and by means of information from the computer appliance. By means of the invention, the installation of the dental bridge on the patient can be increased at lower cost, with shorter times and a sustained degree of accuracy.

WO 2005/055856 A1